

## REMARKS

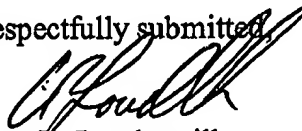
Claims 2-81 were added by a previous amendment. New claims 82-121 are added by this amendment.

For the convenience of the Examiner, Applicant notes that the newly added independent claim 82 (all other newly added claims depend therefrom) is directed to generating an image of the dental object with the imaging element, software processing the image of the dental object, and generating optical characteristics data indicative of the optical characteristics of the dental object. In accordance with this claimed embodiment, under software control a determination is made of a plurality of regions of the dental object that have different optical characteristics (i.e., the dental object is gridded or "posturized", etc.), and optical characteristics data are generated in one or more of the plurality of regions.

No new matter has been added.

If there are any questions regarding this amendment, Applicant's attorney requests an opportunity to discuss such questions with the Examiner by way of a telephone interview. It is submitted that the foregoing amendments should position the application in condition for allowance, and such is respectfully requested.

Please charge any additional fees due, or credit any overpayment, to Deposit Account No. 50-0251.

Respectfully submitted,  
  
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